

IN THE CLAIMS

Please amend claims 1, 18, 24, 28 and 29 as set out in the following listing of the claims.

This claim listing replaces and supersedes all previously submitted listings of the claims.

1. (Currently Amended) An oscilloscope apparatus, comprising:

a display for displaying a plurality of ~~received or processed~~ data signals acquired and processed by the oscilloscope;

a user interface for selecting one of said displayed data signals; and

a toolbar comprising a plurality of choices displayed on said display; and

a user interface for selecting one of said displayed data signals, said display

further displaying, the displayed plurality of choices being selected from among a universal set of choices, only the most common items of said toolbar ones of said universal set of choices that apply to the selected data signal determined by the characteristics of the type of selected data signal being displayed in the toolbar, the selected data signal being defined as the data source for the displayed items of the toolbar.

2. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein

the data signal is a waveform.

3. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein

the data signal is a measurement.

4. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein

the data signal is a cursor value.

5. (Previously Presented) The oscilloscope apparatus according to claim 4, wherein an item is change types.
6. (Previously Presented) The oscilloscope apparatus according to claim 4, wherein an item is turned off.
7. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein the data signal is a parameter.
8. (Previously Presented) The oscilloscope apparatus according to claim 7, wherein an item is trend.
9. (Previously Presented) The oscilloscope apparatus according to claim 7, wherein an item is set up.
10. (Previously Presented) The oscilloscope apparatus according to claim 7, wherein an item is histogram.
11. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein the data signal is a channel.

12. (Previously Presented) The oscilloscope apparatus according to claim 11, wherein an item is setup channel.

13. (Previously Presented) The oscilloscope apparatus according to claim 11, wherein an item is define zoom.

14. (Previously Presented) The oscilloscope apparatus according to claim 11, wherein an item is define math trace.

15. (Previously Presented) The oscilloscope apparatus according to claim 11, wherein an item is define measurements.

16. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein the data signal is a trace.

17. (Previously Presented) The oscilloscope apparatus according to claim 1, wherein the data signal is a grid.

18. (Currently Amended) An oscilloscope apparatus, comprising:
a display for displaying a plurality of received or processed data signals;
~~a toolbar comprising a plurality of choices displayed on said display;~~
a user interface for selecting one of said displayed data signals displayed on said display; and

a pop-up context sensitive toolbar displayed on said display, said context sensitive toolbar displaying a plurality of choices being selected from among a universal set of choices, only the most common ones of said universal set of choices items of said toolbar that apply to said selected data signal determined by the characteristics of the type of selected data signal being displayed in the toolbar, the selected data signal being defined as the data source for the displayed items of the toolbar.

19. (Previously Presented) The apparatus of claim 18, wherein said items displayed on said context sensitive toolbar are predetermined.

20. (Previously Presented) The apparatus of claim 18, wherein said items displayed on said context sensitive toolbar are determined based upon prior use of a particular item in conjunction with said selected data signal.

21. (Previously Presented) The apparatus of claim 20, wherein said item is displayed on said context sensitive toolbar if it has been previously used with said selected data signal.

22. (Previously Presented) The apparatus of claim 20, wherein said item is removed from said context sensitive toolbar if it has not previously been used with selected data signal.

23. (Previously Presented) The apparatus of claim 18, wherein said items displayed on said context sensitive toolbar are determined based upon one or more values of said selected data signal.

24. (Currently Amended) A method for viewing a waveform on an oscilloscope, comprising the steps of:

displaying a plurality of ~~received or processed~~ data signals acquired and processed by the oscilloscope;

~~displaying a toolbar comprising a plurality of choices;~~

selecting one of said data signals displayed on said display; and

displaying a toolbar comprising a plurality of choices, the displayed plurality of choices being selected from among a universal set of choices, displaying only the most common ones of said universal set of choices ~~items of said toolbar that apply to the type of selected data signal determined by the characteristics of the selected data signal being displayed in the toolbar, the selected data signal being defined as the data source for the displayed items of the toolbar.~~

25. (Previously Presented) The apparatus of claim 24, wherein said items displayed on said context sensitive toolbar are predetermined.

26. (Previously Presented) The apparatus of claim 24, wherein said items displayed on said context sensitive toolbar are determined based upon prior use of a particular item in conjunction with said selected data signal.

27. (Previously Presented) The apparatus of claim 24, wherein said items displayed on said context sensitive toolbar are determined based upon one or more values of said selected data signal.

28. (Currently Amended) A method for viewing a waveform on an oscilloscope, comprising the steps of:

displaying a plurality of ~~received or processed~~ data signals acquired and processed by the oscilloscope;

~~displaying a toolbar comprising a plurality of choices;~~

selecting one of said data signals displayed on said display; and

displaying a pop-up context sensitive toolbar, said context sensitive toolbar displaying a plurality of choices being selected from a universal set of choices, only the most common ~~items of said toolbar~~ ones of said universal set of choices that apply to said selected data signal determined by the characteristics of the type of selected data signal being displayed in the toolbar, the selected data signal being defined as the data source for the displayed items of the toolbar.

29. (Currently Amended) An oscilloscope apparatus, comprising:

an acquisition unit for acquiring a waveform;

a processor for processing said waveform to obtain a plurality of measurements;

a renderer for displaying said waveform and a plurality of ~~received and processed~~ data signals acquired and processed by the oscilloscope respectively and showing the plurality of measurements on a display; and

a toolbar comprising a plurality of choices displayed on said display; and

~~a user interface for selecting one of said data signals displayed on said display,~~
said renderer displaying the displayed plurality of choices being selected from among a universal

set of choices, only the most common items of said toolbar ones of said universal set of choices
that apply to the selected data signal determined by the characteristics of the type of selected data signal being displayed in the toolbar, the selected data signal being defined as the data source for the displayed items of the toolbar.

30. (New) The oscilloscope apparatus of claim 1, wherein one or more of the displayed plurality of choices may comprise a choice, selected by a user from a standard menu, that was not previously presented on the toolbar.

31. (New) The oscilloscope apparatus of claim 18, wherein one or more of the displayed plurality of choices may comprise a choice, selected by a user from a standard menu, that was not previously presented on the context sensitive toolbar.

32. (New) The method of claim 24, wherein one or more of the displayed plurality of choices may comprise a choice, selected by a user from a standard menu, that was not previously presented on the toolbar.

33. (New) The method of claim 28, wherein one or more of the displayed plurality of choices may comprise a choice, selected by a user from a standard menu, that was not previously presented on the context sensitive toolbar.

34. (New) The oscilloscope apparatus of claim 29, wherein one or more of the displayed plurality of choices may comprise a choice, selected by a user from a standard menu, that was not previously presented on the toolbar.